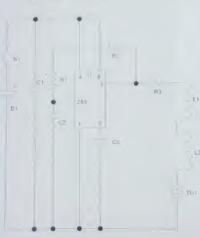
Sonic Nausea Machine

NAUSEA1 SCHEMATIC



Basic Description

You NAUSE AMACHINE produces high frequency according tempts that causes muse, headaches, desorientation and general unconstrutability. It can be used in discounage people from congregating or pets from going on furnitine, tables etc. Determining the source of the sound is difficult for most people as they feel it cather than better.

Parts Last

- 10k Trimmer pol
- R2 2.2K 1/4 W (red,red,red)
- R3 10 ohm 1/4 W (braddal)
- C1 100 mfd 25 V vertical electrolytic capacitor
- C1 1000 mfd 25 V verifical electr
- C2 .0047 mfd 50 V polyester capacitor
 C3 .01 mfd 50 V disc capacitor
- 1.1.2 1 mh high Q inductors for tuning transducer
- 11 555 DIP Timer
- *IDI Special piezoelectric transducer
- CLI Battery snap clip
- PB1 1.4" X 1.6" .1 Grid perfloard

 B1 9 Volt (capsystor or 8 A.A batteries for 12 volts
 - Assemble board as shown using the component leads for connection runs. Route wire runs as shown by dashed lines on assembly

drawing and avoid bare wire bridges, cold solder joints, potential shorts and excess solder. Note proper position of H and polarization of CL.

Apply power via a battery or bench supply and time R1 for a clear piercing tone. If you have a scope, time for a 30 to 40 voil sinusoidal wave of 15 kHz across TD1. You may time the circuit for a higher frequency around 20 kHz by shortling out one of the inductors. This is usually required if the circuit bothers people when being used to control pets. Battery frain is around 50 ma and can raine from 6 to 15 volts.

IF YOU ARE A BEGINNER WE SUGGEST OUR MCCATT GENERAL CONSTRUCTION TECHNIQUES

